

Form PTO-1449 (Modified)

Atty. Docket No.
2069/3Application No.
10/083,588INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(USE SEVERAL SHEETS IF NECESSARY)Applicant:
MacoverFiling Date:
27 February 2002Group Art Unit:
1725

U.S. PATENT DOCUMENTS

	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA	gg	3,894,671	JUL 75	Kulicke Jr et al			
AB	gg	5,082,154	Jan 92	French			
AC		4,877,173	Oct 89	Fujimoto et al			
AD		5,884,830	Mar 99	Yamazaki et al			
AE	gg	5,662,261	Sep 97	Fogal			
AF	gg	5,485,949	Jan 96	Tomura et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
AG							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	gg	Sheaffer et al "New Material Developments for Ultra-Fine Pitch Packages" http://www.micro-swiss.com <i>no date avail</i>
AI	gg	Hadar et al "Optimization of Fine Pitch Ball Bonding Process on PBGA Package" http://www.micro-swiss.com <i>no date avail</i>
AJ		Hadar I, Dr "Goldwire Wedge Bonding: Reducing Pull-Strength Standard Deviation" http://www.micro-swiss.com <i>no date avail</i>
AK		Hadar, I, Dr "tradeoffs in Fine Pitch Wire Bonding Technology" http://www.micro-swiss.com <i>no date avail</i>
AL		Sonnenreich et al, "Development of Improved Bonding Tools Materials for Fine Pitch Applications" http://www.micro-swiss.com <i>no date avail</i>
AM		"Whats New" http://www.micro-swiss.com
AN		Sonnenreich et al, "Quantification of Process Window in Wire Bonding Applications" http://www.micro-swiss.com <i>no date avail</i>
AO	gg	"Wire Bonding Module" http://www.eccb.org <i>no date avail; no author avail</i>
AP	gg	"Concise Encyclopedia of Polymer Science and Engineering" Jacqueline I. Kroschwitz, John Wiley & Sons, Inc, 1990 <i>no date avail</i>

EXAMINER

DATE CONSIDERED

6/29/03

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.